

REMARKS

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Substitute Sequence Listing, file "2004-10-25 0210-0190PUS1.ST25.txt", is identical to the paper copy, except that it lacks formatting.

The Substitute Sequence Listing is amended to identify the present application by filing date and serial number. The Substitute Sequence Listing is further amended to correct matters of form. In particular, descriptions of the Artificial Sequences have been included in order to comply with the sequence rules. No new matter is introduced by these amendments.

If any questions arise regarding the above matters, please contact Applicant's representative, Andrew D. Meikle (Reg. No. 32,868), in the Washington Metropolitan Area at the phone number listed below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any

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overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By



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0210-0190PUS1

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Attachment(s): Sequence Listing